

## **IT Infrastructure Initiative**

**Vision:** Deliver unified platforms, networks, and core systems services which will establish a consistent operating environment throughout DOE and enable our customers to focus on their primary mission!

### **Goals:**

- Optimize operating efficiencies
- Ensure systems interoperability
- Provide seamless user access which is predictable, reliable and dependable, at reasonable cost
- Implement information assurance

### **Outcome:**

- Improve customer satisfaction

## **Goal 1: Optimize operating efficiencies**

### **Strategies:**

- Provide expanded common services
- Establish standard, common environment (hardware, software, training)
- Establish governance through standard operating procedures, policies and principles (including communications plan)
- Manage procurement and acquisitions
- Centralize/manage support (maintenance, etc.)
- Create incentives for optimizing operating efficiencies
- Establish appropriate metrics and targets for IT infrastructure performance

## **Goal 2: Ensure systems interoperability**

### **Strategies:**

- Establish list of recommended products
- Establish standards (Concept of Operations and technical standards)
- Promote compliance (with standards and recommended product list)
- Establish interoperability process -
  - target end state, strategy
  - develop migration paths from current state

### **Goal 3: Provide seamless user access which is predictable, reliable and dependable, at a reasonable cost**

#### **Strategies:**

- Define global user interface and access methods
- Establish centralized profile management directory
- Define security access/profiles
- Establish consistent training and education

### **Goal 4: Implement information assurance**

#### **Strategies:**

- Align infrastructure with evolving cyber security program
- Assess risks and develop risk mitigation strategies
- Develop strategies for addressing both technical and “people” aspects of information assurance

DEFINITION of Infrastructure: Hardware and software, networks, services, and processes to support and enable core IT services and mission applications

## MODEL

<b>Enterprise Management:</b>  <i>(1) Software Development Environment*</i>  <i>(2) Enterprise System Management</i>  <i>(3) Security*</i>	<b>Applications*</b>	
	<b>Common Data*</b>	
	<b>Services</b>	
	<b>Platforms</b>	<b>Networks</b>

*\* Note: Not Included in Infrastructure*